Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-95)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 1217-010064

J.S. 0°97774442347237481.59

INTERNATIONAL APPLICATION NO. PCT/JP00/02879

international filing date 01.05.00 (May 01, 2000)

PRIORITY DATES CLAIMED 25.05.99 (May 25, 1999)

TITLE OF INVENTION

PRINTED WIRING BOARD-FORMING SHEET, VIA HOLE-FORMING METHOD, RESIN SHEET HAVING FILLED VIA HOLE, PRINTED WIRING BOARD, AND PROCESS FOR PRODUCING THE SAME

APPLICANT(S) FOR DO/EO/US

	Toshiyuki NAKAMURA, Hideto TANAKA, Akira ICHIRYU, Motonobu TAKAHASHI, Masahito ISHII and Daisuke ARAI						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.					
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3.	⊠	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).					
4.	Ø	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.					
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a.	☐ is transmitted herewith (required only if not transmitted by the International Bureau).					
	b.	has been transmitted by the International Bureau.					
	c.	is not required, as the application was filed in the United States Receiving Office (RO/US).					
6.	×	A translation of the International Application into English (35 U.S.C. 371(c)(2)).					
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
	a.	are transmitted herewith (required only if not transmitted by the International Bureau).					
	b.	have been transmitted by the International Bureau.					
	¢.	☐ have not been made; however, the time limit for making such amendments has NOT expired.					
	d.	A have not been made and will not be made.					
8.		A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	Ø	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10		A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Ite	Items 11. to 16. below concern document(s) or information included:						
11		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12	⊠	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13	⊠	A FIRST preliminary amendment.					
		A SECOND or SUBSEQUENT preliminary amendment.					
14		A substitute specification.					
15		A change of power of attorney and/or address letter.					
16	a. \	Other items or information: WO 00/72644-Front Page with Abstract and Search Report (3 pp.) English Translation of PCT/JP00/02879 (126 pp.)					

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U.S. APPLICATION NO.	APPLICATION NO. 1 km/m, sq 3 2 R 14 INTERNATIONAL APPLICATION NO. PCT/JP00/02879			ATTORNEY'S DOCKET NUMBER 1217-010064			
17. The following fee		CALC	ULATIONS	PTO USE ONLY			
	en prepared by the EPO or JPO		\$860.00				
-	ary examination fee paid to USPTO		\$690.00				
	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))						
Neither international international search fe	\$1,000.00						
International prelimin and all claims satisfie							
	ENTER APPROPRI	ATE BASIC FEE AM	IOUNT =	\$ 8	60.00		
	Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	19 - 20	0	X \$18.00	\$	0.00		
Independent claims	9 - 3 =	6	X \$80.00	\$ 4	480.00		
MULTIPLE DEPENDEN	Γ CLAIM(S) (if applicable)	·	+ \$270.00	\$	0.00		
	TOTAL O	F ABOVE CALCULA	TIONS =	\$ 1,	340.00		
Reduction of 1/2 for filing attorney. (Note 37 CFR 1	\$	0.00					
	ΓΟΤΑL =	\$	0.00				
Processing fee of \$130.00 the earliest claimed priority	0 months from +	\$	0.00				
	L FEE =	\$ 1,3	340.00				
Fee for recording the enclusionappropriate cover sheet (3)	panied by an +	\$	40.00				
	LOSED =	\$ 1,	380.00				
				Amount	t to be: refunded	\$	
					charged	\$	
a. A check in the amount of \$ 1,380.00 to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650. A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO: Kent E. Baldauf 700 Koppers Building							
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436 Seventh Avenue SIG						0	
Pittsburgh, Pennsylvania 15219-1818  Telephone: (412) 471-8815  NAM						<i>V</i>	
Facsimile: (412) 47							
REGISTRATION NUMBER							





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**ENTITLED** 

"PRINTED WIRING BOARD-FORMING SHEET, VIA HOLE-FORMING METHOD, RESIN SHEET HAVING FILLED VIA HOLE, PRINTED WIRING BOARD, AND PROCESS FOR PRODUCING THE SAME"

To BOX PCT

**Attention: DO/EO/US** 

Assistant Commissioner for Patents Washington, D.C. 20231

## **EXPRESS MAIL CERTIFICATE**

"Express Mail" L	Label Number	EL561553390US
Date of Deposit		January 24, 2001

I hereby certify that the following attached papers or fees

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and check in amount
of \$1,380.00 for filing fee and Assignment recording fee
RECORDATION FORM COVER SHEET with ASSIGNMENT
PRELIMINARY AMENDMENT
WO 00/72644 - FRONT PAGE WITH ABSTRACT and SEARCH REPORT
DECLARATION AND POWER OF ATTORNEY (4 pp.)
SPECIFICATION, CLAIMS and ABSTRACT (126 pp.)
EIGHTEEN (18) SHEETS OF DRAWINGS

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nora Ann Pastrick

(Typed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

patent application serial no.

Department of Commerce Patent and Trademark Office fee record

01/26/2001 SNAJARRO 00000085 09744424

01 FC:970 02 FC:964 860.00 DP 480.00 DP

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